

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-499-B)

In the Application of:	)	
	)	
Dong Gyu Lee	)	
	)	Examiner: Lakiya G. Rogers
Serial No.: 10/570,114	)	
	)	Group Art Unit: 3744
Filing Date: November 6, 2006	)	
	)	Confirmation No.: 5284
For: Compact Thermal Exchange Unit of	)	
Thermo-Electric Cooling Mode Using	)	
Heat Pipe	)	

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO THE OFFICE ACTION MAILED JANUARY 13, 2010**

Dear Sir:

The Applicant submits the following amendments and remarks in response to the Office Action mailed January 13, 2010 in connection with the above-identified application.

Amendments to the claims begin on page 2;

Remarks begin on page 5.